



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Diwu, et al.)

Serial No.: 10/713,670)

Filed: November 13, 2003)

For: **Derivatives of 1,2-Dihydro-7-hydroxyquinolines Containing Fused Rings**)

Examiner: Not Yet Known

Group Art Unit: Not Yet Known

**INFORMATION DISCLOSURE
STATEMENT**

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97(b) The Information Disclosure Statement being transmitted herewith is being filed before the mailing date of the first Office Action on the merits and within three months from filing of the above-identified application.

The enclosed references may be material to the examination of the above-identified application. Applicants, respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return the enclosed substituted PTO-1449 form in accordance with MPEP §609.

This Information Disclosure Statement pursuant to 37 CFR 1.97 is not to be construed as a representation that: (1) a search has been made; (2) the above information constitutes prior art to the subject invention. Accordingly, it is requested that the Examiner consider the enclosed references.

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS PAPER AND THE DOCUMENTS REFERRED AS BEING ATTACHED OR ENCLOSED HERewith ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL OFFICE ON 2/5/04 AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX ALEXANDRIA, VA 22313-1450.
By [Signature]

Diwu, et al.
10/713,670

Respectfully submitted,

Date: February 5, 2004

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02-09-04



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Serial No.: 10/713,670) Examiner: Not Yet Assigned
Filed: November 13, 2003) Group Art Unit: Not Yet Assigned
For: **Derivatives of 1,2-Dihydro-7-hydroxyquinolines Containing Fused Rings**) **TRANSMITTAL LETTER**

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are the following documents in the above-identified application.

- ☒ Information Disclosure Statement
- ☒ Substituted PTO Form 1449
- ☒ Cited References A1-A9, B1-B5 and C1-C9
- ☒ Return Postcard (Postage prepaid)

In the event that the Patent Office determines that these documents were not timely filed within the three-month deadline, the Commissioner is hereby authorized to charge the **Deposit Account 13-3900** for any fees due in connection with the filing of this document according to § 1.17(p).

CERTIFICATE OF MAILING

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By M. A. Smith

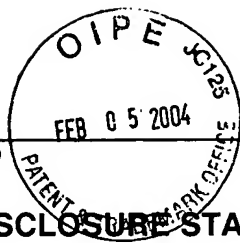
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT**BY APPLICANT**Docket: **Unassigned**Ser: **10/713,670**Applicant: **Diwu, et al.**Filed: **11/13/03**Group: **Not Yet Assigned****U.S. PATENT DOCUMENTS**

Init.*	Cite No.	Number	Date	Name	Class	Sub	Filed
	A1	4,603,209	07/29/86	Tsien et al.			
	A2	4,849,362	07/18/89	DeMarins et al.			
	A3	5,459,276	10/17/95	Kuhn et al.			
	A4	5,501,980	03/26/96	Katerinopoulos et al.			
	A5	5,773,227	06/30/98	Kuhn et al.			
	A6	6,162,931	12/19/00	Gee et al.			
	A7	US 2002/0059684	05/23/02	Diwu et al.			
	A8	6,399,392	06/04/02	Haugland et al.			
	A9	6,191,278	02/20/01	Lee et al.			

FOREIGN PATENT DOCUMENTS

Init.*	Cite No.	Number	Date	Country	Class	Sub	Filed

NON PATENT LITERATURE DOCUMENTS

Init.*	Cite No.	Name of Author, Title of the Article, Title of the Item, Date, Page, Volume-Issue Number
	C1	Browning, J. and A. Ribolini (1989). "Studies on the differing effects of tumor necrosis factor and lymphotoxin on the growth of several human tumor lines." <u>J Immunol</u> 143 (6): 1859-67.
	C2	Joshi, S. and R. Burrows (1990). "ATP synthase complex from bovine heart mitochondria. Subunit arrangement as revealed by nearest neighbor analysis and susceptibility to trypsin." <u>J Biol Chem</u> 265 (24): 14518-25.
	C3	Park, L. S., D. Friend, et al. (1986). "Characterization of the cell surface receptor for a multi-lineage colony-stimulating factor (CSF-2 alpha)." <u>J Biol Chem</u> 261 (1): 205-10.
	C4	Zarling, D. A., A. Watson, et al. (1980). "Mapping of lymphocyte surface polypeptide antigens by chemical cross-linking with BSOCOES." <u>J Immunol</u> 124 (2): 913-20.
	C5	Jung, S. M. and M. Moroi (1983). "Crosslinking of platelet glycoprotein Ib by N-succinimidyl(4-azidophenylthio)propionate and 3,3'-dithiobis(sulfosuccinimidyl propionate)." <u>Biochim Biophys Acta</u> 761 (2): 152-62.
	C6	Bouizar, Z., M. Fouchereau-Peron, et al. (1986). "Purification and characterization of calcitonin receptors in rat kidney membranes by covalent cross-linking techniques." <u>Eur J Biochem</u> 155 (1): 141-7.
	C7	Heller, A. (1990) "Electrical Wiring of Redox Enzymes." <u>Acc Chem Res</u> 23 : 128-34.
	C8	Liu, J., Z. Diwu, et al. (2003). "Rational design and synthesis of a novel class of highly fluorescent rhodamine dyes that have strong absorption at long wavelengths." <u>Tetrahedron Letters</u> 44 : 4355-4359.
	C9	Furniss et al. (eds.), <u>Vogel's Textbook of Practical Organic Chemistry</u> , 5th Ed., Longman Group UK Ltd., Essex, 1989, pp.809-816.

EXAMINER:

DATE:

*Examiner: Initial if considered, whether or not in conformance with MPEP 60; draw line through cite if not in conformance and not considered. Send copy.